

~~TOP SECRET~~

*Assured
29 Jan 57*

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2. ALFA SERIES OF TESTS WERE RUN TWO SIX JAN. USING IN ALL CASES APPROX. ONE ZERO ZERO FT LENGTHS FILM WAS RUN THROUGH PREWET FOR TWO PASSES, DEVELOPER FOR SIX MIN, SHORTSTOP FOR TWO PASSES, AND HYPO CONSISTING OF SODIUM THIOSULFATE CRYSTALS ACETIC ACID AND POWDERS FIXING BATH HARDENER FOR SIX MIN.

15 wash - OK

A. TEST ONE AFTER HYPO WASHING WAS DONE IN THREE BATHS OF FIVE MIN EACH TOTAL ONE FIVE MIN. RESULTS EXCELLENT ALLOWING SPEED SETTING OF TWO ZERO FT/MIN. IN DRYER.

60 wash - Sticky

B. TEST TWO AFTER HYPO WASHING WAS DONE IN FOUR BATHS OF ONE FIVE MIN EACH TOTAL SIX ZERO MIN. RESULTS EXTREME STICKINESS IN DRYER.

Perma - Sticky

C. TEST THREE FOLLOWING FIXING FILM WASHED IN WATER FIVE MIN, PERMAWASH FIVE MIN, WITH ALFA FINAL WASH OF FIVE MIN RESULT EXTREME STICKINESS.

15 wash - OK

D. TEST FOUR REPEAT OF TEST ONE WITH IDENTICAL RESULTS.

1 E. TEST FIVE REPEAT OF TEST ONE AND FOUR WITH NEARLY THE
SAME RESULT. THERE WAS SOME STICKINESS AT FIRST BUT THIS CLEARED
UP ALLOWING SPEED SETTINGS UP TO NEARLY TWO ZERO FT/MIN.

30 Wash - Sticky

F. TEST SIX WASHING ACCOMPLISHED IN THREE BATHS ONE ACH
FIVE MIN, ONE ZERO MIN, AND ONE FIVE MIN TOTAL THREE ZERO
MIN RESULT WAS CONSIDERABLE STICKINESS.

60 Wash - Sticky

G. TEST SEVEN WASHING WAS CARRIED OUT FOR ALFA TOTAL OF
SIX ZERO MIN IN BATHS OF FIVE MIN, ONE ZERO MIN, AND THREE OF
ONE FIVE MIN RESULTING IN EXTREME STICKINESS.

3. IT IS TO BE NOTED THAT THE ROLLERS IN THE DRYER WERE
CLEANED PRIOR TO TESTS ONE, FOUR, AND SIX.

4. THESE TESTS WERE RUN USING THE SAME CHEMICALS IN ORDER
TO ISOLATE FOR CONSIDERATION THE RESULTS OF LENGTH OF TIME IN WASH.
IN MISSION ONE THREE FIVE ONE AND ONE THREE FIVE TWO IT HAD
BEEN NOTED THAT SHORT — ECPS WASHED NINE ZERO MIN — AUSED
SOME STICKINESS AND ALFA LONG PIECE WASHED SIX ZERO MIN RESULTED
IN IMPROVED RUNNING THRU DRYER.

5. THE RESULTS OF THESE TESTS WILL BE APPLIED AT THE FIRST
OPPORTUNITY TO LIQUID CHEMICALS.

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CFN: [REDACTED] JAN APPROX FT PREWET MIN HYPO
SODIUM THIO SULFATE ACETIC ACID MIN HYPOFT MIN

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